

## EAST Search History

| Ref # | Hits | Search Query  | DBs   | Default Operator | Plurals | Time Stamp          |
|-------|------|---|---|------------------|---------|---------------------|
| S1    | 2    | ("6284387").PN.   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ              | OFF     | 2008/08/11<br>07:57 |
| S2    | 3    | ("4981886"   "5096737"  <br>"5405906").PN. OR ("6284387").<br>URPN.   | US-PGPUB;<br>USPAT; USOCR                               | ADJ              | OFF     | 2008/08/11<br>08:11 |
| S3    | 72   | polymer with (metal cluster)  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ              | OFF     | 2008/08/11<br>11:20 |
| S4    | 1342 | (poly with methyl methacrylate)<br>and (ultraviolet radiation or UV)<br>same (metal or cluster or<br>nanoparticle)  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ              | OFF     | 2008/08/11<br>11:24 |
| S5    | 106  | (poly with methyl methacrylate)<br>same (ultraviolet radiation or UV)<br>same (metal or cluster or<br>nanoparticle) | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ              | OFF     | 2008/08/11<br>11:24 |
| S6    | 6    | (metal cluster) same (UV or<br>ultraviolet radiation)   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ              | OFF     | 2008/08/11<br>11:54 |
| S7    | 271  | (metal cluster) and (UV or<br>ultraviolet radiation)  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ              | OFF     | 2008/08/11<br>11:54 |
| S8    | 230  | S7 and (polymer or poly methyl<br>methacrylate or PMMA)   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ              | OFF     | 2008/08/11<br>11:55 |
| S9    | 43   | (PMMA or<br>polymethylmethacrylate) and<br>(metal cluster) and (palladium or<br>cobalt or copper)                   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ              | OFF     | 2008/08/11<br>12:16 |
| S10   | 2    | "6054507".pn.   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ              | OFF     | 2008/08/11<br>12:25 |

|     |    |   |   |     |     |                     |
|-----|----|---|---|-----|-----|---------------------|
| S11 | 15 | (metal cluster) and ((nakao or horiuchi).in. or (industrial science with technology).as.)   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2008/08/11<br>12:27 |
| S12 | 0  | (polymethylmethacrylate or PMMA) with basal plate   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2008/08/11<br>12:35 |
| S13 | 2  | (polymethylmethacrylate or PMMA) same basal plate   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2008/08/11<br>12:35 |
| S14 | 13 | (polymethylmethacrylate or PMMA) and basal plate  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2008/08/11<br>12:35 |
| S15 | 30 | 427/248.1.ccls. and (PMMA or polymethylmethacrylate) and (palladium or copper or cobalt)  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2008/08/11<br>12:44 |
| S16 | 14 | 427/595.ccls. and (PMMA or polymethylmethacrylate) and (palladium or copper or cobalt)  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2008/08/11<br>12:50 |
| S17 | 21 | (polymer or PMMA) and metal cluster and glass transition and (palladium or copper or cobalt)  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2008/08/11<br>13:22 |
| S18 | 26 | (metal cluster and (polymer or PMMA or poly methyl methacrylate)).ti.   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2008/08/11<br>13:46 |
| S19 | 63 | ((palladium or Pd) with acetylacetonat\$1) and (PMMA or poly methyl methacrylate or polymethylmethacrylate) and (UV or ultraviolet) | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2008/08/11<br>15:16 |
| S20 | 1  | (copper with acetylacetonat\$1) and (PMMA or poly methyl methacrylate) and excimer and mask   | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2008/08/11<br>15:44 |
| S21 | 24 | (copper with acetylacetonat\$1) and (PMMA or poly methyl methacrylate) and mask\$3  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2008/08/11<br>15:45 |

|     |     |  |   |     |     |                     |
|-----|-----|--|---|-----|-----|---------------------|
| S22 | 266 | acetylacetonat\$1 and (PMMA or poly methyl methacrylate) and mask\$3 | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | OFF | 2008/08/11<br>15:55 |
| S23 | 31  | S22 and cluster  | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON  | 2008/08/11<br>15:56 |

8/12/2008 7:31:06 AM

C:\Documents and Settings\Ewhitehead.USPTO\My Documents\EAST\Workspaces\10\10527052.  
polymethylmethacrylate.metalnanoparticles.wsp